Air Quality
PERMIT TO CONSTRUCT

State of Idaho
Department of Environmental Quality

PERMIT NO.: P-060304
FACILITY ID No.: 005-00004
AQCR: 61 **CLASS:** A
SIC: 3241 **ZONE:** 12
UTM COORDINATE (km): 397.6 , 4738.6

1. **PERMITTEE**
Ash Grove Cement Co.

2. **PROJECT**
Increase Processing of Limestone, Clay, Shale, Gypsum and Cement

3. **MAILING ADDRESS**	**CITY**	**STATE**	**ZIP**
230 Cement Road	Inkom	ID	83245-1543
4. **FACILITY CONTACT** Ron Smith	**TITLE** Plant Manager	**TELEPHONE** (208) 775-3351	
5. **RESPONSIBLE OFFICIAL** Ron Smith	**TITLE** Plant Manager	**TELEPHONE** (208) 775-3351	
6. **EXACT PLANT LOCATION** 230 Cement Road, Inkom		**COUNTY** Bannock	

7. **GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS**
Portland Cement Production

8. **GENERAL CONDITIONS**

This permit is issued according to IDAPA 58.01.01.200, Rules for the Control of Air Pollution in Idaho, and pertains only to emissions of air contaminants regulated by the state of Idaho and to the sources specifically allowed to be constructed or modified by this permit.

This permit (a) does not affect the title of the premises upon which the equipment is to be located; (b) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of the design, installation, maintenance, or operation of the proposed equipment; (c) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances; (d) in no manner implies or suggests that the Department of Environmental Quality (DEQ) or its officers, agents, or employees, assume any liability, directly or indirectly, for any loss due to damage to person or property caused by, resulting from, or arising out of design, installation, maintenance, or operation of the proposed equipment.

This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.

This permit has been granted on the basis of design information presented with its application. Changes of design or equipment may require DEQ approval pursuant to the Rules for the Control of Air Pollution in Idaho, IDAPA 58.01.01.200, et seq.

TONI HARDESTY, DIRECTOR
DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE ISSUED: Proposed Draft

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Acronyms, Units, And Chemical Nomenclatures

AQCR	Air Quality Control Region
Btu	British thermal unit(s)
CFR	Code of Federal Regulations
CO	carbon monoxide
DEQ	Department of Environmental Quality
dscf	dry standard cubic foot or feet
EPA	Environmental Protection Agency
gr	grain(s)
gr/dscf	grains per dry standard cubic foot
HAPs	Hazardous Air Pollutants
hr	hour(s)
IDAPA	A numbering designation for all administrative rules in Idaho promulgated under the Idaho Administrative Procedures Act
km	kilometers
lb/hr	pound per hour
MMBtu/hr	million British thermal units per hour
NO_X	nitrogen oxides
NSPS	New Source Performance Standards
PM	particulate matter
PM_{10}	particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
PTC	permit to construct
SIC	Standard Industrial Classification
SO_2	sulfur dioxide
TAP	Toxic Air Pollutant
T/yr	tons per year
VOC	volatile organic compound
yr	year(s)

1. PERMIT SCOPE

Purpose

1.1 This permit is issued as a modification to the November 27, 2002, Tier II operating permit and permit to construct and is not a renewal. The application for a Tier II renewal is currently being processed as a separate permitting action. This permit is a PTC action to increase the allowable processing rates of limestone, clay, shale, gypsum and cement.

1.2 This permit incorporates and replaces the following permit conditions in the Tier II Operating Permit No. 055-00004, PM_{10} SIP Operating Permit, issued November 27, 2002, and these terms and conditions no longer apply:

- Permit page 1, item #8, fourth sentence
- Section 3, Condition 4.1
- Section 6, Condition 4.1
- Section 8, Condition 4.1
- Section 12, Condition 4.1.1
- Section 13, Condition 4.1.4

Regulated Sources

1.3 Table 1.1 below lists all sources of emissions that are regulated in this permit.

Table 1.1 SUMMARY OF REGULATED SOURCES

Permit Sections	Source Description	Emissions Control(s)
2	Drilling, blasting, and dozing	Uncontrolled
3	Quarried raw materials receiving, crushing, and storage	Enclosure or water spray
4	Gypsum receiving, crushing, and storage	Enclosure or water spray
5	Silo withdrawal, conveying, and storage	Enclosure of process water
6	Finish grinding and associated handling	Enclosure and Baghouses 7, 8, and 9
7	Cement loadout	Baghouses 9 and 10

2. DRILLING, BLASTING, AND DOZING

2.1. Source Description

2.1.1 Process Description

Holes are drilled into limestone for the placement of explosives. The explosives are detonated, and the blast loosens the rock so that a dozer can move the blasted material.

2.1.2 Control Description

Emissions associated with the drilling, blasting, and dozing of limestone are uncontrolled.

2.1.3 Equipment Specifications

- Drill

  Manufacturer: Gardner Denver
  Model: RDC16B
  Serial Number: SN16C1261

- Dozers

2.1 Emission Limits

2.2.1 Fugitive Emissions

The particulate matter (PM) and particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM_{10}) shall be reasonably controlled, as required in IDAPA 58.01.01.650 and 651 and shall not exceed the pound per hour (lb/hr) or ton per year (T/yr) values listed in Appendix B of this permit.

2.3. Monitoring Requirements

2.3.1 The permittee shall measure the following parameters:

2.3.2 Tons of rock blasted;

2.3.3 A report will be made on each blast performed; and

2.3.4 Dozer operating hours per day.

2.4. Operating Requirements

2.4.1 Process Rate

The process rate shall not exceed 528,000 tons of limestone rock drilled, blasted, or dozed per year.

2.5. Reporting Requirements

The information requested in Permit Condition 2.3.1 shall be maintained on record by the permittee for a minimum period of two years and made available to DEQ representatives upon request.

3. QUARRIED RAW MATERIALS RECEIVING, CRUSHING, AND STORAGE

3.1. Source Description

3.1.1 Process Description

Quarried clay, shale, and limestone are reduced in size by crushing and screening. Quarried clay, shale, and limestone are fed onto a feed pad that transfers the material to a jaw crusher for size reduction. The crushed raw material is transferred to the No.1 screen by inclined belts. Raw material that cannot be screened does not pass through the screen is reintroduced to the system by transferring it to a hammermill for crushing and reconveying it to the screen. Material passing the screen is transferred to a cross country belt that either a) recycles the stockpiled rock through the entire crushing and screening process by reintroducing the material at the jaw crusher, or b) transfers it to belts which place the material in the raw silos from which it is conveyed to the raw mill.

3.1.2 Control Description

Emissions associated with the transport of limestone, clay, and shale from the front-end loader to the feeder are controlled by a building open at one end. Emissions associated with the transport of the raw materials from the No.1 inclined belt to the No.2 inclined belt are controlled by a shed covering the transfer point. All transfer points after the jaw crusher are controlled by water spray or by moisture retained by the raw materials from the water spray or residual moisture inherent in the rock. Emissions associated with the following transfer points are controlled by an enclosure:

Feeder to Jaw Crusher

Jaw Crusher to Inclined Belt

Screen No. 2 Inclined Belt to Screen No. 1

Screen No. 1 to Cross Country Belt

Screen No. 1 to Hammermill

Hammermill to No. 1 Inclined Belt

Belt C to Silos

3.1.3 Equipment Specifications

- Front-end Loader
- Feeder (Feed Pad)
- Jaw Crusher -Size 160

Manufacturer: Kue Ken
Model: Model 160
Serial Number: Serial No. 16016407

3.1.4 No. 1 Inclined Belt

3.1.5 No. 2 Inclined Belt

3.1.6 No. 1 Screen

Manufacturer:	Link Belt
Model:	Model CA53
Serial Number:	Serial No. CA25125

3.1.7 Hammermill

Manufacturer:	Pennsylvania
Model:	Model CB 1144
Serial Number:	Serial No. 2460

3.1.8 Cross Country Belt

3.1.9 Belt B

3.1.10 Belt C

3.1.11 Discharge Chute

3.2. Emission Limits

3.2.1 Fugitive Emissions

Fugitive emissions of PM and PM_{10} shall be reasonably controlled, as required in IDAPA 58.01.01.650 and 651, and shall not exceed the pound per hour or ton per year values listed in Appendix B of this permit.

3.2.2 Silo 25 Trip Chute for Tripper Belt C, Opacity Limit - NSPS

On and after the date on which the performance test required to be conducted by 40 CFR 60.8 is completed, the permittee shall not cause to be discharged into the atmosphere from the Silo 25 Tripper Belt C Trip Chute any gases which exhibit 10 percent opacity, or greater. Periods of excess emissions are defined as all six-minute periods during which the average opacity exceeds 10 percent in accordance with 40 CFR 60.62(c) and 60.63(d).

3.3. Monitoring Requirements

3.3.1 The permittee shall record the hours of operation per day of the water spray.

3.3.2 The permittee shall record the tons of raw material handled by raw material receiving, crushing, and storage each day.

3.3.3 The permittee shall record the hours of operation per day of raw material receiving, crushing, and storage.

3.3.4 Silo 25 Trip Chute for Tripper Belt C, Opacity Performance Test - NSPS

Within 60 days of achieving the maximum production rate of the Silo 25 Tripper Belt C Trip Chute, but not later than 180 days after issuance of this permit, the permittee shall conduct a performance test to measure opacity in accordance with 40 CFR 60.64 and 40 CFR 60.8.

3.4. Operating Requirements

3.4.1 Process Rate

The process rate shall not exceed 200 tons of limestone, clay, and shale per hour on a monthly average basis. The annual process rate shall not exceed 475,000 tons of limestone, clay, and shale per year based on a 12-month rolling average.

3.5. Reporting Requirements

The permittee shall record, in a daily report, the information requested in Permit Conditions 3.3.1, 3.3.2, and 3.3.3. These records shall be maintained on file by the permittee for a minimum period of two years and made available to DEQ representatives upon request.

4. GYPSUM RECEIVING, CRUSHING, AND STORAGE

4.1. Source Description

4.1.1 Process Description

Gypsum from an outside source is belly/end dumped and stockpiled in the quarry. A front-end loader transfers the stockpiled gypsum onto a feed pad for transfer to a jaw crusher. The gypsum is crushed and conveyed to the No. 1 screen. Gypsum that cannot be screened is recycled through the system by transferring it to a hammermill for crushing, and reconveying it to the No. 1 screen. The screened gypsum is then conveyed by a cross-country belt to a gypsum belt that transfers it to a gypsum bin for storage. An overhead crane transfers the gypsum into the gypsum bin, which feeds it to the cement mill for further processing.

4.2 Control Description

Emissions associated with the transport of gypsum from the front-end loader to the feeder are controlled by a building open at one end. Emissions associated with the transport of gypsum from the No.1 inclined belt to the No. 2 inclined belt are controlled by a shed covering the transfer point. All transfer points after the jaw crusher are controlled by water spray or by moisture retained by the gypsum from the water spray or residual moisture inherent in the rock. Emissions associated with the following transfer points are controlled by an enclosure:

Feeder to Jaw Crusher

Jaw Crusher to No. 1 Inclined Belt

No. 1 Inclined Belt to No. 2 Inclined Belt

No. 2 Inclined Belt to Screen No. 1

Screen No. 1 to Cross Country Belt

Screen No. 1 to Hammermill

Hammermill to No. 1 Inclined Belt

Belt C to Silos

4.3 Equipment Specifications

Same equipment listed in Section 3.1.3 Quarried Raw Materials, Crushing, Receiving, and Storage with the addition of the following:

4.3.1 Gypsum Belt

4.3.2 Gypsum Bin

4.3.3 Overhead Crane

4.4 Emission Limits

4.4 Fugitive Emissions

The PM and PM_{10} shall be reasonably controlled, as required in IDAPA 58.01.01.650 and 651, and shall not exceed the pound per hour or ton per year values listed in Appendix B of this permit.

4.5 Monitoring Requirements

4.5.1 The permittee shall record the hours of operation per day of the water spray.

4.5.2 The permittee shall record the tons of gypsum handled by gypsum receiving, crushing, and storage each day.

4.5.3 The permittee shall record the hours of operation per day of gypsum receiving, crushing, and storage.

4.6 Operating Requirements

4.6.1 Process Rate

The process rate shall not exceed 200 tons of gypsum (or gypsum/limestone blend) per hour on an average monthly basis. The annual process rate shall not exceed 34,106 tons of gypsum (or gypsum/limestone blend) per year based on a 12-month rolling average.

4.7 Reporting Requirements

The permittee shall record, in a daily report, the information requested in Permit Conditions 4.5.1, 4.5.2, and 4.5.3. These records shall be maintained on file by the permittee for a minimum period of two years and made available to DEQ representatives upon request.

5. SILO WITHDRAWAL, CONVEYING, AND STORAGE

5.1 Source Description

5.1.1 Process Description

Limestone, silica, and iron ore are transferred from silo storage to Mill No.4 (Raw Mill). Mill No.4 processes the limestone, silica, and iron ore with water into a raw meal (slurry). Mill No.3 may be used as a back-up raw mill only when Mill No.4 is not operating.

5.1.2 Control Description

Emissions associated with the transfer of limestone, silica, and iron ore from silo storage to the raw mill are controlled by being building enclosed. Emissions associated with the processing of limestone, silica, and iron ore are controlled by the water used in the process.

5.1.3 Equipment Specifications

Silo Feeder

Feed Belt

Mill No. 4 (Raw Mill)

Mill No. 3 (Auxiliary Raw Mill)

5.2 Emission Limits

- Fugitive emissions of PM shall be reasonably controlled as required in IDAPA 58.01.01.650 and 651; and
- Fugitive emissions of PM and PM_{10} shall not exceed the pound per hour (lb/hr) or ton per year (T/yr) values listed in the Appendix of this permit.

5.3 Monitoring Requirements

5.3.1 The permittee shall record the tons of limestone, silica, and iron ore transported to and processed by the raw mill daily.

5.4 Operating Requirements

5.4.1 Processing Limit

The process rate of the raw mill shall not exceed 60 tons of raw meal per hour on an average monthly basis. Annual process rate shall not exceed 525,571 tons of raw meal per year.

5.5 Reporting and Recordkeeping Requirements

The permittee shall record, in a daily report, the information requested in Permit Condition 5.3.1. These records shall be maintained on file by the permittee for a minimum period of two years and made available to DEQ representatives upon request

6. FINISH GRINDING AND ASSOCIATED HANDLING

6.1 Source Description

6.1.1 Process Description

The finish grinding Mills No. 1, No. 2, and No. 3 process clinker and gypsum into cement. The mills receive material from the clinker bins and the gypsum bin by conveyor. The two materials are ground, and conveyed by the elevator to the separator. (The No. 1 and No. 2 Mills go to the No. 1 Separator, and the No. 3 Mill uses the No. 2 Separator). The separator removes oversized particles and reintroduces them to the mill, and transfers the cement of appropriate size to the cement cooler. The No. 1 and No. 2 mills utilize two cement coolers in series (No. 1 and No. 2) the No. 3 mill has its own cement cooler , (No. 3). Cement is transferred from the cement cooler by FK pump to one of 19 storage silos.

6.1.2 Control Description

Emissions associated with the transfer of material to and from the following:

Mill No. 1 and Mill No. 2;

No. 1 Cement Elevator;

No. 1 Separator; and

No. 1 and No. 2 Cement Coolers (in series)

are controlled by Baghouse 7 (BH7) and through enclosure in a building. Emissions associated with the transfer of gypsum to the crane and onto the gypsum feeder are controlled only by an enclosure.

Emissions associated with the transfer of material to and from the following:

Mill No. 3;

No. 2 Cement Elevator;

No. 2 Separator; and

(No. 3) Cement Cooler

are controlled by BH8 and through enclosure in a building. Emissions associated with the transfer of cement to cement silos No. 1 through No. 14 are controlled by BH9. Emissions associated with the transfer of cement to cement silos No. 21 through No. 25 are controlled by BH3.

6.1.3 Equipment Specifications

Mill No. 1

Manufacturer:	FL Smidth
Model:	2411 Unidan
1.3.2	Mill No. 2
Manufacturer:	FL Smidth
Model:	2411 Unidan

Separator No. 1

Manufacturer:	Raymond
Model:	NC 4534

Mill No. 3

Manufacturer:	FL Smidth
Model:	2411 Unidan

Separator No. 1

Manufacturer:	Sturtevant
Model:	14 AS

Baghouse 7 (BH7)

Manufacturer:	Buell Norblo
Model:	BA 2 Size 312A
Air-to-Cloth Ratio:	1.91
Pressure Drop:	5.00 inches H_20

Baghouse 8 (BH8)

Manufacturer:	Buell Norblo
Model:	390AM Series 39
Air-to-Cloth Ratio:	1.87
Efficiency:	95%1.3.8

Baghouse 9 (BH9)

Manufacturer:	Pangborn
Model:	C 160 CM
Air-to-Cloth Ratio:	1.742.

6.2 Emission Limits

6.2.1 Baghouses BH7, BH8, BH9

The PM and PM_{10} from BH7, BH8, and BH9 shall not exceed the pound per hour or ton per year values listed for each in Appendix A of this permit.

Visible emissions from each baghouse stack that is listed in Section 6.1.3 shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60 minute period as required in IDAPA 58.01.01.625 and as determined using DEQ's “Procedure's Manual for Air Pollution Control”.

6.2.2 Fugitive Emissions

The PM and PM_{10} shall be reasonably controlled, as required in IDAPA 58.01.01.650 and 651, and shall not exceed the pound per hour or ton per year values listed in Appendix B of this permit.

6.3 Monitoring Requirements

6.3.1 The permittee shall record the pressure drop across BH7, BH8, and BH9 weekly and visual observations daily.

6.3.2 The permittee shall record the amount of cement processed by each mill daily.

6.4 Operating Requirements

6.4.1 Process Rates

Each of three finish mills shall process no more than 77 tons per hour on a monthly average basis, and 394,106 tons of total cement annually.

6.4.2 Baghouse Specifications

Each baghouse shall be operated and maintained in accordance with Ash Grove's Dust Collector Maintenance Plan. This plan will be made available to DEQ representatives upon request.

6.4.3 Baghouse Maintenance

Maintenance to each baghouse shall be performed if visible emissions from each baghouse vent exceeds 5% opacity, as determined using DEQ's "Procedure's Manual for Air Pollution Control".

6.5 Reporting Requirements

The permittee shall record, in a daily report, the information requested in Permit Conditions 6.3.1 and 6.3.2. These records shall be maintained on file by the permittee for a minimum period of two years and made available to DEQ representatives upon request.

7. CEMENT LOADOUT

7.1 Source Description

7.1.1 Process Description

Cement is transferred from storage silos to railcar, truck, or packaging by a combination of screws, airslides, and elevators.

7.1.2 Control Description

Emissions associated with truck loadout and truck loading tanks A, B and C/D and the transfer points within those parameters are controlled by BH10. All other cement activity between the FK pumps and truck loading tanks are controlled by enclosure and Baghouse No. 9.

7.1.3. Equipment Specifications

Baghouse 9 (For specifications, see Finish Grinding, Section 1.3)

Baghouse 10

Manufacturer:	Mikro Pulsaire
Model:	Type 30 8
Air-to-Cloth Ratio:	2.68

7.2 Emission Limits

7.2.1 Baghouse 9 (BH9) and Baghouse 10 (BH10)

The PM and PM_{10} particle matter from BH9 and BH10 shall not exceed the amount the pound per hour or ton per year values listed for each in Appendix A of this permit.

Visible emissions from BH10 stack shall not exceed 20% opacity for a period or periods aggregating more than three minutes in and 60-minute period as required in IDAPA 58.01.01.625 and as determined using DEQ's “Procedure's Manual for Air Pollution Control”.

7.2.2 Fugitive Emissions

Fugitive emissions of PM and PM_{10} shall be reasonably controlled, as required in IDAPA 58.01.01.650 and 651, and shall not exceed the pound per hour or ton per year values listed in Appendix B of this permit.

7.3 Monitoring Requirements

7.3.1 The permittee shall record the pressure drop, in inches of water, of BH10 weekly and visual observations daily.

7.3.2 The permittee shall record the daily amount of cement, in tons, transferred from rail loadout.

7.3.3 The permittee shall record the daily amount of cement, in tons, transferred from truck loadout.

7.3.4 The permittee shall record the daily amount of cement shipped in bags in tons.

7.4 Operating Requirements

7.4.1 Loadout Rates

Rail loadout shall handle no more than 200 tons of cement per hour.

Truck loadout shall handle no more than 225 tons of cement per hour.

Packaging of cement into bags shall not exceed 75 tons of cement per hour.

No more than 394,106 tons of cement on an average annual basis will be shipped from the Ash Grove facility.

7.4.2 Baghouse Specifications

Each baghouse shall be operated and maintained in accordance with Ash Grove's Dust Collector Maintenance Plan. This plan will be made available to DEQ representatives upon request.

7.4.3 Baghouse Maintenance

Maintenance to each baghouse shall be performed if visible emissions from each baghouse vent exceeds 5% opacity, as determined using DEQ's "Procedure's Manual for Air Pollution Control".

7.5 Reporting/Recordkeeping Requirements

The permittee shall record, in a daily report, the information requested in Permit Conditions 7.3.1, 7.3.2, 7.3.3, and 7.3.4. These records shall be maintained on file by the permittee for a minimum period of two years and made available to DEQ representatives upon request.

8. APPENDIX A – EMISSION LIMITS

Emission Limits [a] -- Hourly (lb/hr) and Annual [b] (ton/yr)

SOURCE DESCRIPTION	PM		PM_{10}	
	lb/hr	ton/yr	lb/hr	ton/yr
Baghouse No. 7 (BH7)	1.59	5.21	1.35	4.43
Baghouse No. 8 (BH8)	2.09	6.86	1.78	5.83
Baghouse No. 9 (BH9)	0.31	0.67	0.26	0.57
Baghouse No. 10 (BH10)	2.82	9.26	2.40	7.87

Scientific notation is represented with "E"s. 1.0E-4 equals $1.0x10^{-4}$ or 0.0001.

[a] As determined by a pollutant specific U.S. EPA reference method, DEQ approved alternative, or as determined by DEQ emission estimation methods used in this permit analysis.

[b] As determined by multiplying the actual or allowable (if actual is not available) pound per hour (lb/hr) emission rate by the allowable hours per year that the process(es) operate, or by actual annual production.

9. APPENDIX B – FUGITIVE EMISSION LIMITS

Fugitive Emission Limits[a] -- Hourly[a] (lb/hr) and Annual[b] (ton/yr)

SOURCE DESCRIPTION	PM		PM_{10}	
	lb/hr	ton/yr	lb/hr	ton/yr
Drilling, Blasting, Dozing	5.39	29.34	1.78	3.09
Limestone Receiving, Crushing, and Storage	23.59	17.75	10.51	7.82
Gypsum Receiving, Crushing, and Storage	22.86	1.18	10.21	0.54
Finish Grinding And Associated Handling	3.19	5.24	1.53	2.41
Cement Loadout	15.83	4.01	7.91	2.00

[a] As determined from DEQ's emission estimation methods used in Ash Grove Cement Tier II operating permit application analysis.

[b] As determined by multiplying the actual or allowable (if actual is not available) pound per hour (lb/hr) emission rate by the allowable hours per year that the process(es) operate, or by actual annual production

10. PERMIT GENERAL PROVISIONS

General Compliance

1. The permittee has a continuing duty to comply with all terms and conditions of this permit. All emissions authorized herein shall be consistent with the terms and conditions of this permit and the Rules for the Control of Air Pollution in Idaho. The emissions of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the Rules for the Control of Air Pollution in Idaho, and the Environmental Protection and Health Act, Idaho Code §39-101, et seq.

[Idaho Code §39-101, et seq.]

2. The permittee shall at all times (except as provided in the Rules for the Control of Air Pollution in Idaho) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable Idaho laws for the control of air pollution.

[IDAPA 58.01.01.211, 5/1/94]

3. Nothing in this permit is intended to relieve or exempt the permittee from the responsibility to comply with all applicable local, state, or federal statutes, rules and regulations.

[IDAPA 58.01.01.212.01, 5/1/94]

Inspection and Entry

4. Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:

   a. Enter upon the permittee's premises where an emissions source is located or emissions related activity is conducted, or where records are kept under conditions of this permit;

   b. Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;

   c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and

   d. As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

[Idaho Code §39-108]

Construction and Operation Notification

5. The permittee shall furnish DEQ written notifications as follows in accordance with IDAPA 58.01.01.211:

   a. A notification of the date of initiation of construction, within five working days after occurrence;

   b. A notification of the date of any suspension of construction, if such suspension lasts for one year or more;

c. A notification of the anticipated date of initial start-up of the stationary source or facility not more than 60 days or less than thirty days prior to such date;

d. A notification of the actual date of initial start-up of the stationary source or facility within 15 days after such date; and

e. A notification of the initial date of achieving the maximum production rate, within five working days after occurrence - production rate and date.

[IDAPA 58.01.01.211, 5/1/94]

Performance Testing

6. If performance testing (air emissions source test) is required by this permit, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.

   All performance testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol shall include a description of the test method(s) to be used, an explanation of any or unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.

   Within 30 days following the date in which a performance test required by this permit is concluded, the permittee shall submit to DEQ a performance test report. The written report shall include a description of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

[IDAPA 58.01.01.157, 4/5/00]

Monitoring and Recordkeeping

7. The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this permit. Records of monitoring information shall include, but not be limited to the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

[IDAPA 58.01.01.211, 5/1/94]

Excess Emissions

8. The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions due to startup, shutdown, scheduled maintenance, safety measures, upsets and breakdowns.

[IDAPA 58.01.01.130-136, 4/5/00]

Certification

9. All documents submitted to DEQ, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.

[IDAPA 58.01.01.123, 5/1/94]

False Statements

10. No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit, or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.125, 3/23/98]

Tampering

11. No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.126, 3/23/98]

Transferability

12. This permit is transferable in accordance with procedures listed in IDAPA 58.01.01.209.06.

[IDAPA 58.01.01.209.06, 4/11/06]

Severability

13. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.